

# Facilities Available To Missouri Industry For Hazardous Waste Management

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MISSOURI DEPARTMENT OF NATURAL RESOURCES

FACILITIES AVAILABLE
TO
MISSOURI INDUSTRY
FOR HAZARDOUS WASTE
MANAGEMENT

# MISSOURI DEPARTMENT OF NATURAL RESOURCES SOLID WASTE MANAGEMENT PROGRAM

August, 1979
Fourth Edition
Second Printing

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#### INTRODUCTION

Facilities Available to Missouri Industry for Hazardous Waste Management was first issued in early 1975 and revised in late 1975, October 1977, and December 1978. The current fourth edition is intended to assist generators of hazardous waste to find disposal and treatment facilities. This edition also includes a listing of the permitted incinerators in the United States which may accept various wastes from industry, and a listing of the polychlorinated biphenyls (PCBs) disposal facilities that have been approved by the EPA to date.

Hazardous wastes are materials that are toxic, irritating, radioactive, biologically infectious, explosive or, more generally, pose a significant hazard to human health and the environment. Proposed definitions of what constitutes "hazardous waste" have been drafted by the EPA and were published in the December 18, 1978 Federal Register. When in final form, these definitions will include wastes containing acids, alkalis, low-flash point solvents, explosives, toxic metals, pesticides, halogenated organics (including PCBs) etc. In January 1980, hazardous waste so defined will come under the regulatory provisions of the "Missouri Hazardous Waste Management Law". The new law requires that hazardous waste generators register their wastes and fill out a shipping manifest to accompany each load of waste shipped. All shipments must be to approved disposal or treatment facilities. These regulations will be essentially the same as those proposed by the EPA under the regulatory provisions of Subtitle C of the Resource Conservation and Recovery Act of 1976 (P.L. 94-580).

In the midwest, most states allow out-of-state firms to utilize hazardous waste facilities within their borders. Oklahoma, however, has passed legislation

requiring interstate agreements before importation of hazardous waste is allowed, and many states have implemented or are implementing their own hazardous waste regulatory programs. Because of this and the fact that the permit status of waste management facilities is constantly changing, a list of regulatory agencies has been provided so that information on current regulations and permit status of facilities can be obtained. The firms themselves will be able to provide information about wastes handled, processes, storage space available, transportation services and costs.

Suggestions for the improvement of this publication or questions concerning the Missouri Hazardous Waste Management Law may be directed to:

Missouri Department of Natural Resources Hazardous Waste Management Section P.O. BOX 1368 Jefferson City, MO 65102

(314) 751-3241

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# INDUSTRIAL WASTE INCINERATORS in the UNITED STATES

The companies listed in the following section process hazardous liquid and in some cases solid wastes by high temperature thermal oxidation. The operating temperatures and retention times vary with each incinerator. Because of this and other variations in design, the types of wastes handled will vary with each facility.

Wastes incinerated include most toxic organic chemicals such as solvents, glycols, inks, formaldehyde, halogenated and non-halogenated hydrocarbons, oils, and aqueous solutions. Toxic inorganics containing heavy metals should not be incinerated.

Hazardous waste incinerators are usually registered by local (city or county) air pollution agencies. Since the permit status of incinerators is subject to change, it is recommended that the state regulatory agency be consulted to check the current status.

Only a limited number of effective hazardous industrial waste incinerators now exist. The increased volumes of toxic industrial waste and the demand for environmentally sound and safe waste disposal methods will probably increase the number of incineration facilities in the future.

#### **INCINERATORS**

#### Arkansas

ENSCO Energy Systems Company P.O. Box 1975 El Dorado, Arkansas 71730

Contact: Charles Robertson, (501) 863-7173

Waste Handled: Most wastes considered.

# <u>GEORGIA</u>

Southeastern Waste Treatment P.O. Box 1697 Dalton, Georgia 30720

Contact: James Henderson, (404) 278-0091

Waste Handled: Industrial solvents, contaminated oils, water with

heavy metal concentration and other waste on a

case-by-case basis.

Waste Excluded: Explosives, highly toxic waste, PCBs and radioactive

material.

# KENTUCKY

L.W.D., Inc. P.O. Box 327 Calvert City, Kentucky 42029

Contact: Amos H. Shelton, Jr., (502) 667-5005 or (502) 395-7515

Waste Handled: Various chemicals, hydrocarbons and water based

sludges and other waste on a case-by-case basis.

Liquid Waste Disposal, Inc. P.O. Box 19063 Louisville, Kentucky 40219

Contact: George O'Brian (502)968-6173

Waste Handled: Organic solvents and cleaners, paint sludges.

# Louisiana

Rollins Environmental Services P.O. Box 73877
Baton Rouge, Louisiana 70807 (504) 778-1234

Main Office One Rollins Plaza Wilmington, Delaware 19803 (302) 658-8541

# Massachusetts

Cannons Engineering Corp. 350 Main Street West Yarmouth, Massachusetts 02673 (617) 775-2800

Waste Handled: Most waste considered except arsenic, pesticides, explosives, and radioactive wastes.

Recycling Industries, Inc. 385 Quincy Ave. Braintree, Massachusetts 02184 (617) 848-0612

Waste Handled: Most waste considered except arsenic, pesticides, explosives, and radioactive wastes.

# <u>Michigan</u>

Liquid Disposal Company . 3901 Hamlin Road Utica, Michigan 48087

Waste Handled: Most waste considered

# New Jersey

Rollins Environmental Service P.O. Box 221 Bridgeport, New Jersey 08014

Waste Handled: All wastes considered.

# North Carolina

Caldwell Systems, Inc.
Route 1
Mt. Herman Road
Hudson, North Carolina 28638

Contact: Bob Riggs, (919) 993-8148

Waste Handled: Hydrocarbon waste such as alcohols, keotones, paraffins, spent solvents, etc.

#### North Carolina

Carolawn Company P.O. Box 947 Kernerville, North Carolina 27284

# South Carolina

Roebuck Systems, Inc. P.O. Box 198 Roebuck, South Carolina 29376

Contact: Charles Milford (803) 576-6945

Waste Handled: Waste accepted on a case-by-case basis;

State approval required.

Waste Excluded: PCBs, radioactive and heavy metals.

# Tennessee

Environmental Systems 3299 Tulane Road Memphis, Tennessee 38116

Contact: Burke Crawford (901) 396-6681

Waste Handled: Flammable liquid, liquid containing heavy metals

are excluded.

Systems Technology Corporation 1640 Antioch Pike Nashville, Tennessee 37013

Contact: Cliff Powell (615) 833-2059

Waste Handled: Water/oil emulsions, cutting fluids, washer

compounds, other oily waste and plating waste.

# **Texas**

Gulf Coast Wastes Dis. Auth. Bay Port Treatment Plant 10800 Bay Area Boulevard Pasadena, Texas 77507 (713) 928-3111

Waste Handled: Most waste considered except radioactive waste

and extremely explosive materials.

# Texas

Rollins Environmental Services Box 609 Deer Park, Texas 77536 (713) 479-6001

Waste Handled: Most waste considered except radioactive waste and

extremely explosive materials.

Texas Ecologists, Inc. Box 307 Robstown, Texas 78380

Waste Handled: Oils and chemicals

# POLYCHLORINATED BIPHENYLS (PCBs) DISPOSAL SITES (as of December 20, 1978)

In the <u>Federal Register</u>, February 17, 1978, the Environmental Protection Agency issued the final rule for the "Disposal and Marking of Polychlorinated Biphenyls (PCBs)" (43 FR 7150). Under this rule, disposal of PCBs is prohibited after April 18, 1978, except at EPA approved facilities. All facility approvals will be granted by the appropriate EPA Regional Administrator. The following list was taken from the December 20, 1978 <u>Federal Register</u>. Future notices updating this list of approved facilities will be published in the <u>Federal Register</u> approximately every month. For further information on EPA approved sites, please contact the appropriate EPA Regional Office.

# POLYCHLORINATED BIPHENYLS (PCBs) DISPOSAL SITES

#### Alabama

Waste Management of Alabama, Inc.

P.O. Box 1200

Livingston, Alabama 35470

Facility Telephone Number: (205) 652-9529

Type of Facility Approved: Chemical waste landfill

Type of PCB Waste Handled: Capacitors (small and large); properly drained

transformers; contaminated soil, dirt, rags, and other debris; dredge spoils, municipal

sludges; and properly drained containers (drums)

Expiration Date of Approval: Open-ended

EPA Regional Office Contact: Mr. James Scarbrough

EPA Telephone Number: (404) 881-3016

EPA Region X: 1200 Sixth Avenue; Seattle, Washington 98101

# California

Casmalia Disposal 539 Ysidro Rd. P.O. Box 5275

Santa Barbara, California 93108

Facility Telephone Number: (805) 969-4703

Type of Facility Approved: Chemical waste landfill

Type of PCB Waste Handled: Capacitors (small and large); properly drained

transformers; contaminated soil, dirt, rags, and other debris; dredge spoils, municipal

sludges; and properly drained containers (drums)

Expiration Date of Approval: Open-ended

EPA Regional Office Contact: Mr. Raymond Seid

EPA Telephone Number: (415) 556-3450

EPA Region IX: 215 Freemont Street; San Francisco, California 94105

# I daho

Wes-Con, Inc. P.O. Box 564

Twin Falls, Idaho 83301

Site located in Grand View,

Idaho.

(Main Office)

Facility Telephone Number: (208) 734-7711

Type of Facility Approved: Disposal in missile silos

Type of PCB Waste Handled: Capacitors (small and large); properly drained

transformers, contaminated soil, dirt, rags, asphalt, and other debris; and properly drained

containers (drums)

Expiration Date of Approval: January 1, 1980

EPA Regional Office Contact: Mr. Roger Fuentes

EPA Telephone Number: (206) 442-1260

EPA Region X: 1200 Sixth Ave.; Seattle, Washington 98101

# <u>Neyada</u>

Nuclear Engineering Co. 9200 Shelbyville Road

Suite 526 P.O. Box 7246 Louisville, Kentucky 40207

(Main Office)

Facility Telephone Number: (502) 426-7160

Type of Facility Approved: Chemical waste landfill

Type of PCB Waste Handled: Capacitors (small and large); properly drained

Nevada.

transformers; contaminated soil, dirt, rags, and other debris; dredge spoils, municipal sludges; and properly drained containers (drums)

Site located near Beatty,

Expiration Date of Approval: Open-ended

EPA Regional Office Contact: Raymond Seid

EPA Telephone Number: (415) 556-3450

EPA Region IX: 215 Freemont Street; San Francisco, California 94105

# New York

Newco Chemical Waste Systems, Inc. 4526 Royal Avenue

Niagra Falls, New York 14330

Facility Telephone Number: (716) 285-6944

Type of Facility Approved: Chemical waste landfill

Type of PCB Waste Handled: Capacitors (small and large); properly drained

transformers; contaminated soil, dirt, rags, and other debris; dredge spoils, municipal sludges; and properly drained containers (drums)

Expiration Date of Approval: August 18, 1981

EPA Regional Office Contact: Wayne Pierre

EPA Telephone Number: (212) 264-0505

EPA Region II: 26 Federal Plaza; New York, New York 10007

SCA Chemical Services, Inc. 1550 Balmer Road Model City, New York 14107

Facility Telephone Number: (716) 754-8231

Type of Facility Approved: Chemical waste landfill

Type of PCB Waste Handled: Capacitors (small and large); properly drained

transformers; contaminated soil, dirt, rags, and other debris; dredge spoils, municipal

sludges; and properly drained containers (drums)

Expiration Date of Approval: October 2, 1981

EPA Regional Office Contact: Wayne Pierre

EPA Telephone Number: (212) 264-0505

EPA Region IV: 345 Courtland, Northeast; Atlanta, Georgia 30308

# **Oregon**

Chem-Nuclear Systems, Inc.

P.O. Box 1269

Portland, Oregon 97205

Main office site located in

Arlington, Oregon

Facility Telephone Number: (503) 223-1912

Type of Facility Approved: Chemical waste landfill

Type of PCB Waste Handled: Capacitors (small and large); properly drained

transformers; contaminated soil, dirt, rags, asphalt, and other debris; and properly drained

containers (drums)

Expiration Date of Approval: January 1, 1980

EPA Regional Office Contact: Mr. Roger Fuentes

EPA Telephone Number: (206) 442-1260

EPA Region X: 1200 Sixth Ave.; Seattle, Washington 98101

# LANDFILLS (AND LAGOONS)

Natural sites for hazardous waste landfills are limited due to the special conditions required for safe burial of toxic materials.

A good burial site will consist of a thick clay deposit located at an elevation well above the local water table. The clay must have a very low permeability to prevent the leaching of hazardous substances into ground or surface water. Daily operation must insure that the buried waste is protected from contact with precipitation and runoff water. This is done by promptly covering the waste with clay, compacting and grading the cover, and constructing trenches or berms to divert runoff water.

In general, land burial is suitable for hazardous solids and dewatered sludges of all kinds. Certain non-compatible wastes must be buried at separate locations to prevent unwanted chemical reactions. Wastes with high water content or high liquid organic content are usually not accepted at hazardous waste landfills. The former, however, can be solidified or filtered, and then buried. The latter are most often recycled or incinerated. Some oily wastes can be disposed of by discing into topsoil ("oil farming").

Lagoons for hazardous waste are lined with compacted clay or artificial membranes which are relatively impermeable. In some cases after solid sludges accumulate in the bottom, they are removed for burial in a hazardous waste landfill. In other cases, the sludge is covered in place with clay and compacted.

For most of the facilities in the following section, it will be necessary to furnish a sample of waste or a chemical analysis of the waste to the operator. The operator then furnishes information to the appropriate regulatory agency and requests approval to receive the waste. Normally, this is a one-time process (i.e. subsequent shipments of the same waste are covered by the letter of approval).

# LANDFILLS (AND LAGOONS)

# Illinois

Nuclear Engineering Company, Inc. P.O. Box 158
Sheffield, Illinois 61361

Owner/Operator: Same as above.

Contact: Dave Bickford, Manager Chemical Wastes, (815) 454-2624

Russell Moore, Manager Radioactive Wastes, (815) 454-2624

Permit: Illinois Environmental Protection Agency (Solid Waste)

Illinois Division of Health (Nuclear)

Facility: Hazardous Waste Landfill

The State of Illinois has 6 major landfills which may accept certain industrial hazardous waste on a case-by-case basis

and with the approval of the Illinois EPA.

# Indiana

I.L.W.D., Inc.
7901 West Morris Street
Indianapolis, Indiana 46231

Owner/Operator: Same as above

Contact: Fred Tehsenfield, President, (317) 243-0811

Permit: Indiana Stream Pollution Control Board (Solid Waste) (Water)

Facility: Hazardous Waste Landfill

#### Kansas

Kansas Industrial Environmental Services, Inc. P.O. Box 475 Wichita, Kansas 67201

Contact: Lee Deets, (316) 744-1286

Permit: Kansas Dept. of Health and Environment (Solid Waste)

Facility: Hazardous Waste Landfill

# Missouri

Bob's Home Service Special Industrial Waste Disposal Facility Route 1, Box 116F Wright City, Missouri 63390 (cont.)

# Missouri (cont.)

Bob's Home Service (cont.)

Owner: James Zykan

Route 1, Box 116F

Wright City, Missouri 63390

James Zykan, (314) 745-3371 or 745-3372 Contact:

Mike Gill, Manager, (314) 745-3371 or 745-3372

Permit: Missouri Department of Natural Resources (Solid Waste)

Facility: Hazardous Waste Landfill

BFI Liquid Reception Center and Sludge Disposal Clay County, Missouri (½ mile north of Missouri City, Missouri)

Owner: Lincoln Brothers Land, Inc. Operator: Browning-Ferris Industries

Westowne, Box 283

Waste Systems Division Liberty, Missouri 64068 3150 North 7th Street Kansas City, KS 66115

Contact: Louis Knieper, Manager, (816) 781-1614

Permit: Missouri Department of Natural Resources (Solid Waste)

Facilities: Liquid solidification, sludge dewatering and disposal

Wheeling Disposal Service Company, Inc., Waste Disposal Site Andrew County, Missouri (½ mile southeast of Amazonia, Missouri)

Owner/Operator: Wheeling Disposal Service Company, Inc.

1805 South Eighth Street St. Joseph, Missouri 64503

Contact: Clayton R. Buntrock, President, (816) 279-0815

Permit: Missouri Department of Natural Resources (Solid Waste)

Facilities: Hazardous waste landfill, evaporation Basins

# Ohio

Browning-Ferris of Ohio 1901 South Pine Street Warren, Ohio 44881 (216) 399-8361

Facility: Landfill chemically fixed spent sulfuric pickle acid only

#### Oklahoma

Lone Mountain Controlled Industrial Waste Disposal Facility U.S. Polution Control, Inc. 2000 Classen Center, Suite 503 South Oklahoma City, Oklahoma 73106

Owner/Operator: Same as above

Contact: Harry A. Hansen, President, (405) 528-8371

Facilities: Evaporation Lagoons, Industrial Waste Landfill

Royal Hardage Industrial Hazardous Waste Disposal Site Route 4 Lindsay, Oklahoma 73062

Owner/Operator: Same as above

Contact: Royal Hardage, Owner, (405) 344-6274

Permit: Oklahoma State Department of Health (Controlled Industrial Waste)

Facilities: Enclosed drying bed, hazardous waste landfill

#### DISPOSAL WELLS

Listed below are disposal wells located in Oklahoma. These facilities are capable of accepting a wide range of liquid chemical wastes including sulfuric, hydrochloric and chromic acids, caustics, phosphates, and other aqueous solutions free of particulates.

Lamberton Acid Disposal Well Tulsa County, Oklahoma

Owner/Operator: W. J. Lamberton, Petroleum Engineer

2904 Fourth National Building

Tulsa, Oklahoma 74119

Contact: W. John Lamberton

Market Research Counselor

(918) 582-6994

Permit: Oklahoma State Department of Health (Deep Well)

United States Pollution Control, Inc. Industrial Disposal Well, Tulsa County, Oklahoma

Owner/Operator: United States Pollution Control, Inc.

2000 Classen Center, 224 South Oklahoma City, Oklahoma 73106

Contact: Harry Hansen, President (405) 528-8371

Permit: Oklahoma State Department of Health (Deep Well)

#### SOLVENT AND OIL RECOVERY FACILITIES

This section covers resource recovery services. The materials recovered include waste oils, solvents, hydraulic oils, heat transfer fluids, and alcohols. These firms haul, process and sell materials back to the source industry or to a third party. The source industry will usually benefit either way in lowered disposal and/or raw material purchase costs.

Several firms listed are brokers in solvents and other recoverable organics. They ship materials from collection terminals scattered throughout the midwest to processors in the St. Louis and Chicago areas. Information concerning the current permit status should be obtained from the regulatory agency licensing the processor.

#### INDUSTRIAL SOLVENT AND OIL RECOVERY FACILITIES

## Illinois

Barker Chemical Company 700 East 138th Street Chicago, Illinois 60627

Contact: E. C. Nagel, Works Manager, (312) 995-9600

Recycled Materials: Solvents and organic chemicals

Clayton Chemical Co. Plant 1, Mobil Avenue Sauget, Illinois 62201

Contact: Bud Haney (618) 271-0467

Recycled Materials: Solvents

Custom Organics Incorporated 1445 West 42nd Street Chicago, Illinois 60609

Contact: Dr. Gilbert Favlin (312) 247-2828

Recycled Materials: Solvents and organic chemicals

Environmental Waste Removal, Inc. P.O. Box 160 Coal City, Illinois 60416

Contact: John Paul, General Manager (815) 634-2211

Recycled Materials: Oil and solvents

#### Iowa

McKesson Chemical Terminal Various Locations

Receive material for: Waste Research & Reclamation Co., Inc.

Route 3

Eau Claire, Wisconsin 54701

Contact: Des Moines, IA: Earl Ekman (515) 224-7207

Burlington, IA: Vance Wigginton (319) 753-2253 Cedar Rapid, IA: Dennis Lyman (319) 393-4710 Sioux City, IA: ---- (712) 255-0123

Recycled Materials: Solvents

# Iowa (cont.)

Thompson-Hayward Chemical Company Various Locations

Receive Material for Shipment to: Clayton Chemical Co.

Sauget, Illinois 62201

Contact: Des Moines, IA: Dan Meade (515) 266-1191

Davenport, IA : Don Reardon (319) 322-3511

Terminals: Des Moines, IA: Charles Moore (515) 266-1191

Davenport, IA : Jim Duffy (319) 3-2-3511

Recycled Materials: Solvents

# Kansas

Coral Refining Corp. 765 Pawnee Kansas City, Kansas 66105

Contact: John S. Hunter, Manager (913) 281-5454 or (913) 384-1814

Recycled Materials: Refining of fuel oil and hydraulic oils only

McKesson Chemical Co. 2041 N. Mosley Wichita, Kansas 67214

Contact: Clint Waltz (316) 267-6292

Recycled Materials: Solvents

Midland Refining Co. 5755 North Broadway Wichita, Kansas 67219

Contact: ----- (316) 839-3415

Recycled Materials: Waste oil refining

Reid Supply Company 911 East Indianapolis Wichita, Kansas 67211

Contact: H.C. Human (316) 267-1231

Recycled Materials: Solvents

(cont.)

# Kansas (cont.)

Thompson Hayward Chemical Co. (See page 21)

Terminal: Wichita, Kansas: Don Howard (316) 363-1244

# Kentucky

Custom Industrial P.O. Box 406 New Castle, Kentucky 40050

Contact: Ronald Mullholand, Sales Manager (502) 845-2453

Recycled Materials: Solvent and paint reclaimers

G.W. Whiteside 3048 Michigan Drive Louisville, Kentucky 40212

Contact: ---- (502) 788-4492

Recycled Materials: Solvent and paint reclaimers

# <u>Missouri</u>

Findett Corporation R.R. 1, Box 13 (Elm Point Road) St. Charles, Missouri 63301

Contact: Milton A. Tegethoff, President (314) 723-0240

Recycled Materials: Industrial Fluids (hydraulic oils, heat transfer

fluids, etc.)

McKesson Chemical Terminal Various Locations

Contact: St. Louis, Mo. : James Lacey (314) 522-6440

Kansas City, Mo.: Frank Addington (816) 842-6240 Springfield, Mo.: Robert Norton (417) 866-3501

Recycled Materials: Solvents

Midwest Oil Refining and Recycling Company 1900 Walton Road Overland, Missouri 63114

Contact: Glen A. Gettinger, President (314) 427-2662

Recycled Materials: Lubricating and fuel oils

# Missouri (cont.)

Radium Petroleum 1633 S. March Ave. P.O. Box 6206 Käńsas City, Mo. 64126

Contact:---- (816) 833-1919

Recycled Materials: Waste oil

Thompson Hayward Chemical Company

Receive Material for Shipment to: Clayton Chemical Company

Sauget, IL 62201 (See page 21)

Terminals: St. Louis, Mo.: Phil Engle (314) 389-4740

# <u>Nebraska</u>

McKesson Chemical Terminal (See next page)

Omaha, Nebraska

Contact: John Ralston (402) 733-7007

Thompson Hayward Chemical Company

Terminal: Omaha, Nebraska: Don Howard (316) 263-1244

Recycled Materials: Solvents

## Ohio

Clermont Environmental Reclamation 980 Cincinnati - Batavia Pike Batavia, Ohio 45103 (Other information is unknown)

#### 0k1ahoma

Double Eagle Refining Co. P.O. Box 11257 Oklahoma City, Oklahoma 73111

Contact: Frank Kerran (405) 232-0244 or 232-6878

Recycled Material: Waste Oil

# Wisconsin

Hydrite Chemical P.O. Box 3337 Madison, Wisconsin 53704

Contact: Michael Seeliger or Jim Gourly (608) 257-5892

Recycled Materials: Solvents

McKesson Chemical Terminals Various Locations

Receive Material for: Waste Research & Reclamation Co., Inc.

Route 3

Eau Claire, Wisconsin 54701

Contact: St. Louis, MO : James Lacey (314) 522-6400 Kansas City, MO.: Frank Addington (816) 842-6240 Springfield, MO : Robert Norton (417) 866-3501 Des Moines, IA (515) 224-7207 : Earl Ekman (319) 753-2253 (310) 393-4710 Burlington, IA : Vance Wigginton Cedar Rapids, IA: Dennis Lyman : -----Sioux City, IA (712) 255-0123 : John Ralston (402) 733-7007 Omaha, NE

Recycled Materials: Solvents

#### HEAVY METAL RECOVERY FACILITIES

The firms listed below recover heavy metals from sludges and other industrial materials. C. P. Inorganics recovers nickel, copper, and cobalt from sludges. Metal World Inc. recovers nickel, chromium, and cobalt. Hauser and Miller Company purchases contaminated mercury or dental amalgams in any amount above one-half pound for shipment to a re-refiner in Chicago. Further information can be obtained from the firms' contacts.

# Illinois

C. P. Inorganics Industrial Avenue Joliet, Illinois, 60435

Owner/Operator: Same; as above

Contact: Tom Cassata

Recovered Materials: Nickel, copper, cobalt, chrome

Metal World Inc. 3131 St. Clair East St. Louis, Illinois 62202

(618) 271-0800

Recovered Materials: Slides and residues containing carbide Ni, Cr, Co base metals

#### Missouri

Hauser & Miller Company 4011 Forest Park Boulevard St. Louis, Missouri 63108

Owner/Operator: Same as above

Contact: Clarence J. Wuennenberg, General Manager (314) 531-3071

Recovered Material: Mercury

#### STEEL DRUM RECONDITIONERS

Steel drum reconditioning firms are able to reshape, repair, clean and repaint standard closed end and open end steel drums to meet Department of Transportation specifications. The service charge for reconditioning a drum is about one-third the cost of purchasing a new drum or half the cost of purchasing a used drum. Reconditioners also purchase used drums outright, recondition, clean and sell them to third parties. They will normally refuse to accept drums which have not been adequately emptied, or which contain hazardous residues, or which pose unusual or difficult cleaning problems. Further details should be sought from the reconditioners.

# Iowa

Des Moines Barrel & Drum Company SE 19 & Scott Streets Des Moines, Iowa 50317

Contact: R. V. Hopkins, Inc.

743 Schmidt Road

Davenport, Iowa 52808

(319) 323-5419

or V. Smith (515) 266-5121

#### Kansas

Coffeyville Recon-Con, Inc. 2410 Brown Street Coffeyville, Kansas 67337

Contact: Chuck Kudrick (316) 251-1520

Great Lakes Container Corp. 1161 South 12th Kansas City, Kansas 66105

Contact: Richard Greenwald (913) 281-5770

# Kansas (cont.)

S.D.S., Inc.
Oil Hill Industrial Park
P.O. Box 1263
El Dorado, Kansas 67042

Contact: Jean Shannon (316) 321-6570

Scott Barrel Company, Inc. 939 Cheyenne Kansas City, Kansas 66105

Contact: Larry Scott (913) 342-2290

# Missouri

Drumtech, Inc. P.O. Box 15150 St. Louis, Mo. 63110

Contact: William R. Schocklee (314) 647-3464

Great Lakes Container Corp. 42 Ferry Street St. Louis, Missouri 63147

Contact: John Tureen, General Manager (314) 436-1202

Bristol Mfg. Co. 2020 East Dale Springfield, Mo. 65803

Contact: L.C. Fritts, President (417) 862-3545

#### INDUSTRIAL WASTE EXCHANGES

The industrial waste exchanges listed are non-profit service organizations sponsored by industrial, academic, state, and national organizations. The exchanges provide potential markets for industrial wastes for which no established markets exist. Waste may be listed with full protection of the participants' confidentiality.

# Illinois

Environmental Clearinghouse Organization, Inc. 3426 Maple Lane Hazel Crest, Illinois 60429 (312) 335-0754 (Bill Petrich)

# Indiana

Environmental Quality Control, Inc. 1220 Waterway Boulevard Indianapolis, Indiana 46202 (317) 634-2142

#### Iowa

Iowa Industrial Waste Information Exchange Center for Industrial Research and Service Iowa State University 201 Building "E" Ames, Iowa 50011 (515) 294-3420 (Ed Sealine)

## Missouri

Midwest Industrial Waste Exchange St. Louis Regional Commerce and Growth Association 10 Broadway St. Louis, Missouri 63102 (314) 231-5555 (Oscar S. Richards or Roland C. Marquart) Kansas City, Missouri (816) 221-2424 (Max Norman)

#### Tennessee

Tennessee Waste Swap Division of Solid Waste Management Tennessee Department of Public Health 320 Capital Hill Building Nashville, Tennessee 37219 (615) 741-3424 (Jeffy Loftin)

#### APPENDIX

#### STATE REGULATORY AGENCIES

#### Arkansas

Department of Pollution Control and Ecology 8001 National Drive Little Rock, Arkansas 72209 Jarrel E. Southall, Director (501) 371-1701

#### Indiana

Indiana State Board of Health 1330 West Michigan Street Indianapolis, Indiana 64207 Guinn Doyle (317) 633-4393

# Illinois

Illinois Environmental Protection Agency 2200 Churchill Road Springfield, Illinois 62706 Mike Miller (217) 782-6760

#### Iòwa

Iowa Department of Environmental Quality Henry A. Wallace Building Des Moines, Iowa 50319 Eugene Evans (515) 281-8931

#### Kansas

Department of Health & Environment Division of Environment Solid Waste Management Section Topeka, Kansas 66620 Jon W. Hughes (913) 862-9360

# Kentucky

Department for Natural Resources and Environmental Protection
Bureau of Environmental Protection
Frankfort, Kentucky 40601
John E. McClure, Jr., Chief, Hazardous Material Management Section
(502) 564-6716

# Louisiana

Department of Health & Human Resources Office of Health Services & Environmental Quality P.O. Box 60630 New Orleans, Louisiana 70160 G. Roz Hazes, Jr., Administrator (504) 568-5137

# Massachusetts

Hazardous Waste Board Water Resources Commission Division of Water Pollution Control 110 Fremont Street Boston, Massachusetts 02108 (617) 727-3855

# Michigan

Resource Recovery Division
Department of Natural Resources
P.O. Box 30028
Lansing, Michigan 48910
Jerry Fore, Chief, Hazardous Waste Section (517) 322-1315

# Missouri

Solid Waste Management Program
Hazardous Waste Management Section
P.O. Box 1368
Jefferson City, Missouri 65102
Rick L. Roberts, Chief, Hazardous Waste Section (314) 751-3241

# Nebraska

Solid Waste Division
Department of Environmental Control
State House Station, Box 94653
Lincoln, Nebraska 68509
(402) 471-2186

#### New Jersey

Department of Environmental Protection Solid Waste Administration P.O. Box 2807 Trenton, New Jersey 08625 (609) 292-7645

# North Carolina

Solid Waste & Vector Control Branch
Department of Human Resources
Division of Health Services
P.O. Box 2091
Raleigh, North Carolina 27602
O.W. Strickland, Supervisor (919) 829-2178

# <u>Ohio</u>

Division of Solid Waste Management Operation Ohio Environmental Protection Agency P.O. Box 1049 Columbus, Ohio 43216 Dan Redman, Chief (614) 466-7220

#### 0klahoma

Industrial & Solid Waste Division State Department of Health 10th & Stonewall Oklahoma City, Oklahoma 73152 H.A. Caves, Director (405) 271-5338

# South Carolina

Department of Health and Environmental Control J. Marion Sims Building 2600 Bull Street Columbia, South Carolina 29201 (803) 758-5681

# <u>Tennessee</u>

Division of Solid Waste Management Bureau of Environmental Health Services Capital Hill Building, Suite 352 Nashville, Tennessee 37219 Dwight Hinch (615) 741-3424

# Wisconsin

Solid Waste Management Section Division of Environmental Protection Department of Natural Resources Box 450 Madison, Wisconsin 53701 (608) 266-0158

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